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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

STAGLJAR ET AL.

Examiner: David A. Lambertson

Serial No.: 10/509,507

Art Unit: 1653

Filed: December 22, 2004

Atty. Dkt.: 3032-101

For: **Method and kit for detecting membrane protein-protein interactions**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

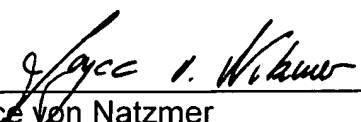
Dear Sir:

Under the provisions of 37 C.F.R. § 1.56, 1.97 and 1.98, Applicants submit on the attached form a listing of publications that the Office may wish to consider in the examination of the subject application. Copies of all 54 references listed are also submitted herewith.

No fee is believed to be due. However, the Commisoner is authorized to charge deposit account no. 50-3135 as required for consideration of this submission.

Respectfully submitted,

By


Joyce von Natzmer
Attorney for Applicants
Registration No. 48,120
4615 North Park Avenue, Suite 919
(301) 657-1282

September 1, 2005

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Complete if Known</i>	
				Application Number	10/509,507
				Nat. Phase Filing Date	12/22/2004
				First Named Inventor	Stagljär
				Group Art Unit	1653
				Examiner Name	NA
Sheet	2	of	6	Attorney Docket Number	3032-101
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
	1	ALTSCHUL, S. ET AL, "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Research, Vol. 25, No. 17: 3389-3402 (1997).			
	2	ANGERMAYR, M. Et AL, "Stable plasma membrane expression of the soluble domain of the human insulin receptor in yeast", Federation of European Biochemical Societies, Letters 481: 8-12 (2000).			
	3	AUF DER MAUR, A. ET AL, "Antigen-independent selection of stable intracellular single-chain antibodies", Federation of European Biochemical Societies, Letters 508: 407-412 (2001).			
	4	BEDBROOK, J. ET AL, "Recombination between Bacterial Plasmids Leading to the Formation of Plasmid Multimers", Cell, Vol. 9: 707-716 (December 1976) (Part 2).			
	5	BODER, E. ET AL, "Yeast surface display for screening combinatorial polypeptide libraries", Nature Biotechnology, Vol. 15: 553-557 (June 15, 1997).			
	6	CERVANTES, S. ET AL, "Homodimerization of presenilin N-terminal fragments is affected by mutations linked to Alzheimer's disease", Federation of European Biochemical Societies, Letters 505: 81-86 (2001).			
	7	CHUBET, R. ET AL, « Vectors for Expression and Secretion of FLAG Epitope-Tagged Proteins in Mammalian Cells », Biotechniques 20 :136-141 (Jan. 1996).			
	8	DÜNNWALD, M. ET AL, „Detection of Transient In Vivo Interactions between Substrate and Transporter during Protein Translocation into the Endoplasmic Reticulum", Molecular Biology of the Cell, Vol. 10: 329-344, (February 1999).			
	9	ESLER, W. ET AL, "A Portrait of Alzheimer Secretases—New Features and Familiar Faces", Science, Vol. 293: 1449-1454 (August 24, 2001)			
	10	EVAN, G. ET AL, "Isolation of Monoclonal Antibodies Specific for Human c-myc Proto-Oncogene Product", Molecular and Cellular Biology, Vol. 5, No. 12: 3610-3616 (December 1985).			
	11	FIELDS, S. ET AL, "A novel genetic system to detect protein-protein interactions", Nature, Vol. 340: 245-246 (July 20, 1989).			
	12	FIELDS, S. ET AL, "The two-hybrid system: an assay for protein-protein interactions", TIG, Vol. 10, No. 8: 286-292 (August 1994).			
	13	FOGH, R. ET AL, "Solution structure of the LexA repressor DNA binding domain determined by ¹ H NMR spectroscopy", The EMBO Journal, Vol. 13, No. 17: 3936-3944 (1994).			
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	14	FRIEDBERG, E., "Eukaryotic DNA repair: glimpses through the yeast <i>Saccharomyces cerevisiae</i> ", Bioessays, Vol. 13(6): 295-302 (June 1991).			
	15	FRIEDBERG, E., "Yeast genes involved in DNA-repair processes: new looks on old faces", Molecular Microbiology, Vol. 5(10): 2303-2310 (October 1991).			
	16	FUENTES, J. ET AL, "Clean Western Blots of Membrane Proteins after Yeast Heterologous Expression Following a Shortened Version of the Method of Perini <i>et al</i> ", Analytical Biochemistry, 285: 276-278 (2000).			
	17	FUSCO, C. ET AL, " <i>In vivo</i> Construction of cDNA Libraries for Use in the Yeast Two-Hybrid System", Yeast 15: 715-720 (1999).			
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	19	GIETZ, R. ET AL, "New yeast— <i>Escherichia coli</i> shuttle vectors constructed with in vitro mutagenized yeast genes lacking six-base pair restriction sites", Gene, 74: 527-534 (1988).			
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	24	HARPER, J. ET AL, "The p21 Cdk-Interacting Protein Cip1 is a Potent Inhibitor of G1 Cyclin-Dependent Kinases", Cell, Vol. 75: 805-816 (November 19, 1993).			
	25	HERNAN, R. ET AL, "Multiple Epitope Tagging of Expressed Proteins for Enhanced Detection", BioTechniques, Vol. 28, No. 4: 789-793 (April 2000).			
	26	HERSHKO, A. ET AL, "THE UBIQUITIN SYSTEM FOR PROTEIN DEGRADATION", Annu. Rev. Biochem., 61: 761-807 (1992).			
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	27	HUGHES, S. ET AL, "Two-hybrid system as a model to study the interaction of β -amyloid peptide monomers", Proc. Natl. Acad. Sci. USA, Vol. 93: 2065-2070 (March 1996).			
	28	JAMES, P. ET AL, "Genomic Libraries and a Host Strain Designed for Highly Efficient Two-Hybrid Selection in Yeast", Genetics, 144: 1425-1436 (December 1996).			
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	31	LASER, H. ET AL, "A new screen for protein interactions reveals that the <i>Saccharomyces cerevisiae</i> high mobility group proteins Nhp6A/B are involved in the regulation of the GAL1 promoter", PNAS, Vol. 97, No. 25: 13732-13737 (December 5, 2000).			
	32	MACREADIE, I. ET AL, "Versatile Cassettes Designed for the Copper Inducible Expression of Proteins in Yeast", Plasmid 21: 147-150 (1989).			
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	39	PAUSCH, M., "G-protein-coupled receptors in <i>Saccharomyces cerevisiae</i> : high-throughput screening assays for drug discovery", TIBTECH, Vol. 15: 487-494 (December 1997).			
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	40	PRADO, F. ET AL, "New in-vivo cloning methods by homologous recombination in yeast", Curr. Genet., Vol. 25(2): 180-183 (February 1994).			
	41	QIU, X. ET AL, "Nrdp1/FLRF is a ubiquitin ligase promoting ubiquitination and degradation of the epidermal growth factor receptor family member, ErbB3", PNAS, Vol. 99, No. 23: 14843-14848 (November 12, 2002).			
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	45	SHEN, F. ET AL, "Transcriptional Activation Domain of the Herpesvirus Protein VP16 Becomes Conformationally Constrained upon Interaction with Basal Transcription Factors", The Journal of Biological Chemistry, Vol. 271, No. 9: 4827-4837 (March 1, 1996).			
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	48	VOJTEK, A. ET AL, "Mammalian Ras Interacts Directly with the Serine/Threonine Kinase Raf", Cell, Vol. 74: 205-214 (July 16, 1993).			
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	52	WOLVEN, A. ET AL, "Palmitoylation of p59 ^{lyn} Is Reversible and Sufficient for Plasma Membrane Association", Molecular Biology of the Cell, Vol. 8: 1159-1173 (June 1997).			
	53	WU, T. ET AL, "Transcriptional Activation by Herpes Simplex Virus Type 1 VP16 In Vitro and Its Inhibition by Oligopeptides", Molecular and Cellular Biology, Vol. 14, No. 5: 3484-3493 (May 1994).			
	54	YANG, M. ET AL, Protein-peptide interactions analyzed with the yeast two-hybrid system", Nucleic Acid Research, Vol. 23, No. 7 (1995).			
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